DECLARATION FOR PATENT APPLICATION (JOINT OR SOLE) FLH File No. (Under 37 CFR § 1.63; with Power of Attorney) a FROMMER LAWRENCE & HAUG LLP

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first
and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is
sought on the invention FATTITED.

sought on the invention ENTITLED:	
END-CAPPED POLY	FLUORENES, FILMS AND DEVICES BASED THEREON
the specification of which	
in resembled horoto	
X was filed on 20 April 2001	as International Application Serial No. PCT/EPD1-04522 ,
	(1) applicable, give deteri
	and understand the contents of the above-identified specification, including
the claims, as amended by any amendment lett	the design of the second property and Trademark Office all information known to me
1 prknowledge the duty to disclose	to the diffee states factor and the second SA.
I hereby claim foreign priority ben	in Title 37, Code of Federal Regulations, sec. 1996 any foreign application(s) efits under Title 35, United States Code, § 119 of any foreign application for patent or
for patent or inventor's certificate listed	before that of the application on which priority is claimed:
	et additional applications on separate page): Priority Claimed:
Number: Cou	ntry. Filed (Da)/Honom 1997/2
00108877.2	urope 26 April 2000 A
PCI/EFOI 04322	
الا سافسار مقعات و و و و و و و و و و و و و و و و و و و	itle 35, United States Code, § 120 of any United States application(s) listed
I hereby claim the penetit under it	itle 35, United States Code, § 120 of any United States applications, it is application is not disclosed in the prior United feach of the claims of this application is not disclosed in the prior United by the first paragraph of Title 35, United States Code § 112, I acknowledge the
duty to disclose to the united states , ote.	The state of the s
Prior U.S. Application(s) [(1st ac	softional applications of the total and application abandoned):
Appln. Ser. Number: Filed (Day/	Month/Year):
	ER, Registration No. 25,506, and DENNIS M. SMID, Registration No. 34,930
hereby appoint William 5. FROM	IER, Registration No. 25,506, and DENNIS M. SMLD, Registration No. 25,506, and DENNIS M. SMLD, Registration No. 25,506 and DENNIS M. SMLD, Registration of Registration No. 25,506 and DENNIS M. SMLD,
receive the Patent, and to transact all bu	siness in the Patent and Trademark Office and in the courts in correspondence ions about the application are to be directed to the following correspondence
therewith, and specify that all communications address:	
UILLIAM S. FROMMER, Esq.	Direct all telephone calls to:
C/O FROMMER LAWRENCE & HAUG LLP	(212) 588-0800 to the attention of:
745 Fifth Avenue	WILLIAM S. FRONMER
NEW TOTK, HEW TOTK	nts made herein of my own knowledge are true and that all statements made on
Tities and halief are helleved to be	tide, and to the total 1001 of
wallful false statements and the like so	true; and further that these statements were made in the section 1001 of made are punishable by fine or imprisonment, or both, under Section 1001 of made are punishable by fine or imprisonment or both, under Section 1001 of also are such willful false statements may jeopardize the validity of the application at such willful false.
Title 18 of the United States code and the	a Marian Control of the Control of t
or any patent issued thereon.	1 - Jasuela 6/12/01
INVENTOR(S): Signature:	Akto YASIDA Date: 6/12/07
Full name of sole or first inventor:	Akin YASIDA
Residence:	Stuttgart, Germany Germany
Citizenship: P.O. Address:	c/n Advanced Technology Center Stuttgart
7:0: Nan 1001	SONY International (Europe) GmbH
'	70327 Stuttgart, BERNANY
	Heinrich-Hertz-Strage 1 70327 Stuttgart SERMANY 1. Clean Date: 10/12/01
Signature:	
Full name of 2nd joint inventor (if any):	
Residence: Citizenship:	Mainz, Germany Germany
P.O. Address:	c/o Max-Planck-Institut für Polymerforschung
	Ackermannweg 10 55128 Mainz, GERMANY

[Similarly list additional inventors on separate page]
Post Office Address(es) of inventor(s):
[if all inventors have the same post office address]

Note: A post office address must be provided for each inventor.

		FLH File No. 450117-03703
	ADDITIONAL INVENTORS	
Signature: In Pre as Chi	sel	Date: 12/07/2001
Full name of 3rd joint inventor (if any): Residence:	Andreas MEISEL Frankfurt/Main, German	ny
Citizenship: P. Address:	Germany c/o Max-Planck-Institut für Polymer Ackermannweg 10 55128 Mainz, GERMANY	forschung .
Signature:		Date:
Full name of 4th joint inventor (if any): Residence: Citizenship:	Tzenka MITEVA Stuttgart, Germany Germany	
P.O. Address:	c/o Advanced Technology Center Stut SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY	ttgart
Signature: William	/	Date: 15 17 7001
Full name of 5th joint inventor (if any):	Dieter NEHER	
Residence: Citizenship:	Potsdam, Germany	
P.O. Address:	c/o Max-Planck-Institut für Polymer Ackermannweg 10 55128 Mainz, GERMANY	rforschung
Signature:	Heinz-Georg NOTHOFER	Date:
Residence:	Stuttgart, Germany	
Citizenship:	c/o Advanced Technology Center Stu	ttgart
	SONY International (Europe) GmbH	-
	Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY	•
Well Sell		Date: 19.12.2001
Full name of 7th joint inventor (if any)		Date:
Residence:	Golm, Germany	
an Citizenship:	c/o Max-Planck-Institut für Polymer Ackermannueg 10 55128 Mainz, GERMANY	rforschung
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DECLARATION FOR PATENT APPLICATION (JOINT OR SOLE) (Under 37 CFR § 1.63; with Power of Attorney) FROMMER LAWRENCE & HAUG LLP FLH File No. 450117-03703

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

1 believe I am the original, first and sole inventor (if only one name is listed below) or an original, first
and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED:

END-CAPPED POLYF	LUORENES, FILMS AND DEVICES BASED THEREON
the specification of which	
is attached hereto.	
X was filed on 20 April 2001 a	as International Application Serial No. <u>PCT/EP01-04522</u> ,
with amendment(s) through	(If applicable, give dates).
the claims, as amended by any amendment refer I acknowledge the duty to disclose to to be material to patentability as defined in I hereby claim foreign priority benefor patent or inventor's certificate listed beinventor's certificate having a filing date be	the United States Patent and Trademark Office all information known to me to Title 37, Code of Federal Regulations, Sec. 1.56. Title 37, Code of Federal Regulations, Sec. 1.56. Title 37, Code of Federal Regulations, Sec. 1.9 of any foreign application(s) are lower and have also identified below any foreign application for patent or before that of the application on which priority is claimed:
Number: Count	t additional applications on separate page]: <u>Priority Claimed:</u> ry: Filed (Day/Month/Year): Yes No
00108877.2 Eur	ope 26 April 2000 X
PCT/EP01-04522 PCT	20 April 2001 X
below and, insofar as the subject matter of e States application in the manner provided by duty to disclose to the United States Patent patentability as defined in Title 37. Code of	le 35, United States Code, § 120 of any United States application(s) listed each of the claims of this application is not disclosed in the prior United the first paragraph of Title 35, United States Code § 112, I acknowledge the and Trademark Office all information known to me to be material to f Federal Regulations, Sec. 1.56, which became available between the filing all or PCT international filing date of this application:
The state of the s	tional applications on separate page):
Appln. Ser. Number: Filed (Day/Mo	nth/Year): Status (patented, pending, abandoned):
and their duly appointed associate, my attorned application, to make alterations and amendment receive the Patent, and to transact all busing the patent, and specify that all communication address:	, Registration No. <u>25,506</u> , and <u>DENNIS M. SMID</u> , Registration No. <u>34,930</u> eys, with full power of substitution and revocation, to prosecute this nots therein, to file continuation and divisional applications thereof, to ness in the Patent and Trademark Office and in the Courts in connection as about the application are to be directed to the following correspondence
WILLIAM S. FROMMER , ESQ.	Direct all telephone calls to: (212) 588-0800
745 Fifth Avenue New York, New York 10151	to the attention of:
tariff	WILLIAM S. FROMMER
information and belief are believed to be trivillful false statements and the like so mad Title 18 of the United States Code and that or any patent issued thereon. INVENTOR(S):	made herein of my own knowledge are true and that all statements made on ue; and further that these statements were made with the knowledge that e are punishable by fine or imprisonment, or both, under Section 1001 of such willful false statements may jeopardize the validity of the application
Signature:	Akio YASUDA Date:
Residence:	Stuttgart, Germany
Citizenship: P.O. Address:	Germany c/o Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY
Signature:	Date:
Full name of 2nd joint inventor (if any): Residence: Citizenship: P.O. Address:	Wolfgang KNOLL Mainz, Germany Germany c/o Max-Planck-Institut für Polymerforschung Ackermannweg 10 55128 Mainz, GERMANY
[Similarly list additional inventors on sepe Post Office Address(es) of inventor(s): [if all inventors have the same post office	

Note: A post office address must be provided for each inventor.





FLH File No. 450117-03703

		MODITIONAL INVENTORS	
-10	In One as Win	sel 12/07/2001	
W	Signature:		
	full name of 3rd joint inventor (if any):	Andr as MEISEL	_
	Residence:	Frankfurt/Main, Germany	
	Citizenship:	Germany	
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		Ackermannueg 10 ACC	
1		55128 Mainz, GERMANY	
. 11.	X Witers	20 112 10 1	
4111	Signature:	Date: 20/12/200/	
ruu	Full name of 4th Joint inventor (if any):	Tzenka MITEVA	_
•	Residence:	Stuttgart, Germany	
	Citizenship:	Germany	
	P.O. Address:	c/o Advanced Technology Center Stuttgart	
	•	SONY International (Europe) GmbH	
		Heinrich-Hertz-Strasse 1 \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	•	70327 Stuttgert, GERMANY.	
		•	
•	Pinnatura		
	Signature:	Date:	_
	Full name of 5th joint inventor (if any): Residence:	Dieter NEHER	
	Citizenship:		
	P.O. Address:	Germany	
	r.o. Address.	c/o Max-Planck-Institut für Polymerforschung	
		Ackermannweg 10 55128 Mainz, GERMANY	
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1	Signature: X / log 7. Nollay		
ul)	Signature: X Play 7. Nollah.	Date: 20/12/2001	_
, W	Full name of 6th joint inventor (if any):	Heinz-Georg NOTHOEER Date: 20/12/2901	
Ly W	Full name of 6th joint inventor (if any):	Heinz-Georg NOTHOEER Date: 20/12/2901	
\mathbf{M}_{t}	Full name of 6th joint inventor (if any): Residence: Titizenship:	Heinz-Georg NOTHOEER_ Date: 20/12/2001 Stuttgart, Germany	
V :	Full name of 6th joint inventor (if any):	Heinz-Georg NOTHOFER— Stuttgart, Germany Germany C/O Advanced Technology Center Stuttgart	
V :	Full name of 6th joint inventor (if any): Residence: Eltizenship: D.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany c/o Advanced Technology Center Stuttgart SONY International (Europe) GmbH	
V	Full name of 6th joint inventor (if any): Residence: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany Cermany Cop Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1	
V	Full name of 6th joint inventor (if any): Residence: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany c/o Advanced Technology Center Stuttgart SONY International (Europe) GmbH	
U :	Full name of 6th joint inventor (if any): Residence: Eltizenship: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany Germany C/O Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY	
U :	Full name of 6th joint inventor (if any): Residence: Eltizenship: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany cermany con Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY Date:	_
V	Full name of 6th joint inventor (if any): Residence: D.O. Address: Signature: Full name of 7th joint inventor (if any):	Heinz-Georg NOTHOFER Stuttgart, Germany Germany C/O Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY	
V	Full name of 6th joint inventor (if any): Residence: Titizenship: P.O. Address: Signature: Full name of 7th joint inventor (if any): Residence: Citizenship:	Heinz-Georg NOTHOFER Stuttgart, Germany cermany con Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY Date:	
V	Full name of 6th joint inventor (if any): Residence: Fitizenship: P.O. Address: Signature: Full name of 7th joint inventor (if any): Residence: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany Germany Cor Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY Date: Ullrich SCHERF Germany	
V	Full name of 6th joint inventor (if any): Residence: Fitizenship: P.O. Address: Signature: Full name of 7th joint inventor (if any): Residence: P.O. Address:	Heinz-Georg NOTHOFER— Stuttgart, Germany Germany C/O Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY Date: Date:	
V	Full name of 6th joint inventor (if any): Residence: Full rame of 7th joint inventor (if any): Residence: Citizenship: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany Date: Ullrich SCHERF Germany German	
	Full name of 6th joint inventor (if any): Residence: D.O. Address: Signature: Full name of 7th joint inventor (if any): Residence: Citizenship: P.O. Address:	Heinz-Georg NOTHOEER Stuttgart, Germany Cermany C/O Advanced Technology Center Stuttgart SONY International (Europe) GmbH Heinrich-Hertz-Strasse 1 70327 Stuttgart, GERMANY Date: Ullrich SCHERF Germany C/O Max-Planck-Institut für Polymerforschung	
	Full name of 6th joint inventor (if any): Residence: D.O. Address: Signature: Full name of 7th joint inventor (if any): Residence: Citizenship: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany Date: Ullrich SCHERF Germany German	
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	Full name of 6th joint inventor (if any): Residence: D.O. Address: Signature: Full name of 7th joint inventor (if any): Residence: Citizenship: P.O. Address:	Heinz-Georg NOTHOFER Stuttgart, Germany Date: Ullrich SCHERF Germany German	